



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Noriyuki MATSUKAZE

Serial No.: 10/520,951

Filed: January 11, 2005

Title: ORGANIC MULTICOLOR EMISSION  
AND DISPLAY DEVICE AND  
METHOD FOR MANUFACTURING  
SAME

Group Art Unit: 2673

Examiner:

Attorney Docket No.: FUJI:332 329 *MA*

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Certificate of Mailing

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

DATE: *July 15, 2005*

BY: *Jennifer Heathwood*

JENNIFER HEATHWOOD

REQUEST FOR CORRECTED FILING RECEIPT

Sirs:

A corrected filing receipt is hereby requested in view of an error which appears in the original; namely, in the Title. For the convenience of the Patent and Trademark Office, attached is a photocopy of the original receipt on which the error has been noted in red, the Declaration and first page of the Specification indicating the correct title.

Respectfully submitted,

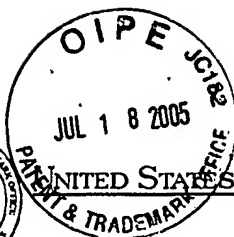
ROSSI, KIMMS & McDOWELL LLP

DATE *7/15/05*

*Lyle Kimms*  
LYLE KIMMS

REG. NO. 34,079

P.O. BOX 826  
ASHBURN, VA 20146-0826  
703-726-6020 (PHONE)  
703-726-6024 (FAX)



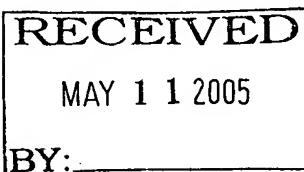
## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/520,951	01/11/2005	2673	2560	FUJI:329	4	30	4

CONFIRMATION NO. 4879

37013  
ROSSI & ASSOCIATES  
P.O. BOX 826  
ASHBURN, VA 20146-0826



## FILING RECEIPT



\*OC000000015937239\*

Date Mailed: 05/06/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Noriyuki Matsukaze, Nagano, JAPAN;

## Assignment For Published Patent Application

FUJI ELECTRIC HOLDINGS CO., LTD., Kawasaki-ku, JAPAN

Power of Attorney: The patent practitioners associated with Customer Number 37013.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP03/08844 07/11/2003

## Foreign Applications

JAPAN 2002-206226 07/15/2002

Projected Publication Date: 08/11/2005

Non-Publication Request: No

Early Publication Request: No

## Title

Organic Multicolor Emission And Display Device and Method for  
manufacturing same  
~~Organic multicolor light-emitting display device and its manufacturing method~~

APPLICATION FOR UNITED STATES PATENT  
DECLARATION AND POWER OF ATTORNEY

I hereby declare, as a named inventor of the invention identified herein, that my residence, post office address and citizenship are as stated below next to my name; that I verify and believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE: ORGANIC MULTICOLOR EMISSION AND DISPLAY DEVICE AND METHOD FOR MANUFACTURING SAME

which is described and claimed in the specification: a. \_\_\_ attached hereto; b. X filed 1/11/05 as U.S. Patent Appln. Serial No. 10/520,951 and amended on \_\_\_; c. X identified by the Assignee as reference number 02P00453 US and assigned by my attorney ATTORNEY DOCKET NUMBER FUJI:329.

I hereby declare that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above, and hereby acknowledge the duty to disclose information of which I am aware which is material to this application for patent on the invention described in the above-identified specification in accordance with 37 C.F.R. §1.56.

I hereby claim priority benefits under 35 U.S.C. §119 based on the following foreign application(s) filed within one year prior to this application:

PRIORITY: PCT/JP2003/008844 filed July 11, 2003

The following applications for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named foreign priority application(s) ( INSERT "NONE" IF NO CORRESPONDING CASES):

JPPA 2002-206226 filed July 15, 2002

I hereby appoint the practitioners associated with the firm and Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to the address associated with that Customer Number:

ROSSI, KIMMS & McDOWELL LLP  
P.O. BOX 826  
ASHBURN, VA 20146-0826  
(703) 726-6020

Customer Number: 37013

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(1) Inventor's Name: NORIYUKI MATSUKAZE  
Given Name Middle Initial Family Name

Residence: NAGANO, JAPAN JPX  
City State/Province Country

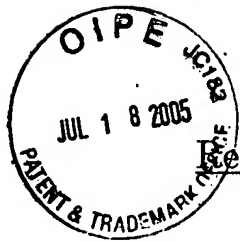
Mailing Address: c/o FUJI ELECTRIC ADVANCED TECHNOLOGY CO., LTD., 2-1 NAGASAKA 2-CHOME  
Street/P.O. Box

YOKOSUKA-SHI, KANAGAWA 240-0194 JAPAN  
City State/Province Zip Country

Citizenship: JAPANESE

Signature: Noriyuki Matsukaze Date: February 17, 2005

ADDITIONAL INVENTORS PROVIDED ON ATTACHED PAGES YES \_\_\_ NO X



Reference Number 02P00453

## SPECIFICATION

### 5 ORGANIC MULTICOLOR EMISSION AND DISPLAY DEVICE AND METHOD FOR MANUFACTURING SAME

#### TECHNICAL FIELD OF THE INVENTION

- 10 The present invention relates to an organic multicolor emission and display device that allows high precision multicolor display and is excellent in productivity and resistance to environment. More in detail, the invention relates to an organic multicolor emission and display device suited for use in display in image sensors, personal
- 15 computers, word processors, TV sets, facsimile machines, audio systems, video recorders, car navigation systems, electronic calculators, telephones, portable terminals, and industrial instruments. The invention relates to an organic multicolor emission and display device employing a color conversion system, in particular.
- 20 The invention also relates to a method of manufacturing such a device.

#### BACKGROUND OF THE INVENTION

- 25 With diversification of information in recent years, display devices in information field including solid state imaging devices need



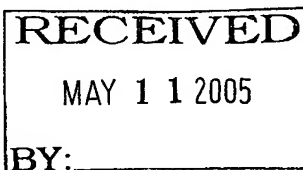
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10/520,951	01/11/2005	2673	2560	FUJI:329	4	30	4

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 ROSSI & ASSOCIATES  
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 ASHBURN, VA 20146-0826



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\*OC000000015937239\*

Date Mailed: 05/06/2005

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Power of Attorney: The patent practitioners associated with Customer Number 37013.

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Projected Publication Date: 08/11/2005

Non-Publication Request: No

Early Publication Request: No

Title

Organic Multicolor Emission and Display Device and Method for Manufacturing Same

~~Organic multicolor light-emitting display device and its manufacturing method.~~

Preliminary Class

345

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



## UNITED STATES PATENT AND TRADEMARK OFFICE

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 United States Patent and Trademark Office  
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/520,951	Noriyuki Matsukaze	FUJI:329
INTERNATIONAL APPLICATION NO.		
PCT/JP03/08844		
IA. FILING DATE	PRIORITY DATE	
07/11/2003	07/15/2002	

37013  
 ROSSI & ASSOCIATES  
 P.O. BOX 826  
 ASHBURN, VA 20146-0826

CONFIRMATION NO. 4879

371 ACCEPTANCE LETTER



\*OC000000015937240\*

Date Mailed: 05/06/2005

**NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495**

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is **ACCEPTED** for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

<u>01/11/2005</u>	<u>01/15/2005</u>
DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTS	DATE OF COMPLETION OF ALL 35 U.S.C. 371 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Copy of the International Application filed on 01/11/2005
- English Translation of the IA filed on 01/11/2005
- Copy of the International Search Report filed on 01/11/2005
- Copy of IPE Report filed on 01/11/2005
- Preliminary Amendments filed on 01/11/2005
- Information Disclosure Statements filed on 01/11/2005
- Oath or Declaration filed on 01/11/2005
- U.S. Basic National Fees filed on 01/11/2005
- Assignment filed on 04/22/2005
- Priority Documents filed on 01/11/2005
- Power of Attorney filed on 04/22/2005

---

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

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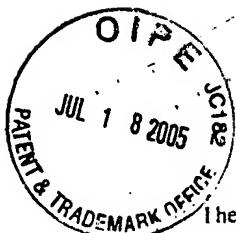
SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

**PART 3 - OFFICE COPY**

FORM PCT/DO/EO/903 (371 Acceptance Notice)





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#2

APPLICATION FOR UNITED STATES PATENT  
DECLARATION AND POWER OF ATTORNEY

I hereby declare, as a named inventor of the invention identified herein, that my residence, post office address and citizenship are as stated below next to my name; that I verify and believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE: ORGANIC MULTICOLOR EMISSION AND DISPLAY DEVICE AND METHOD FOR MANUFACTURING SAME

which is described and claimed in the specification: a.    attached hereto; b. X filed 1/11/05 as U.S. Patent Appln. Serial No. 10/520,951 and amended on       ; c. X identified by the Assignee as reference number 02P00453 US and assigned by my attorney ATTORNEY DOCKET NUMBER FUJI:329.

I hereby declare that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above, and hereby acknowledge the duty to disclose information of which I am aware which is material to this application for patent on the invention described in the above-identified specification in accordance with 37 C.F.R. §1.56.

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(1) Inventor's Name: NORIYUKI MATSUKAZE  
Given Name Middle Initial Family Name

Residence: NAGANO, JAPAN JPX  
City State/Province Country

Mailing Address: c/o FUJI ELECTRIC ADVANCED TECHNOLOGY CO., LTD., 2-1 NAGASAKA 2-CHOME  
Street/P.O. Box

YOKOSUKA-SHI, KANAGAWA 240-0194 JAPAN  
City State/Province Zip Country

Citizenship: JAPANESE

Signature: Noriyuki Matsukaze Date: February 17, 2005

ADDITIONAL INVENTORS PROVIDED ON ATTACHED PAGES YES    NO X



Reference Number 02P00453

## SPECIFICATION

### 5 ORGANIC MULTICOLOR EMISSION AND DISPLAY DEVICE AND METHOD FOR MANUFACTURING SAME

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- 10 The present invention relates to an organic multicolor emission and display device that allows high precision multicolor display and is excellent in productivity and resistance to environment. More in detail, the invention relates to an organic multicolor emission and display device suited for use in display in image sensors, personal
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